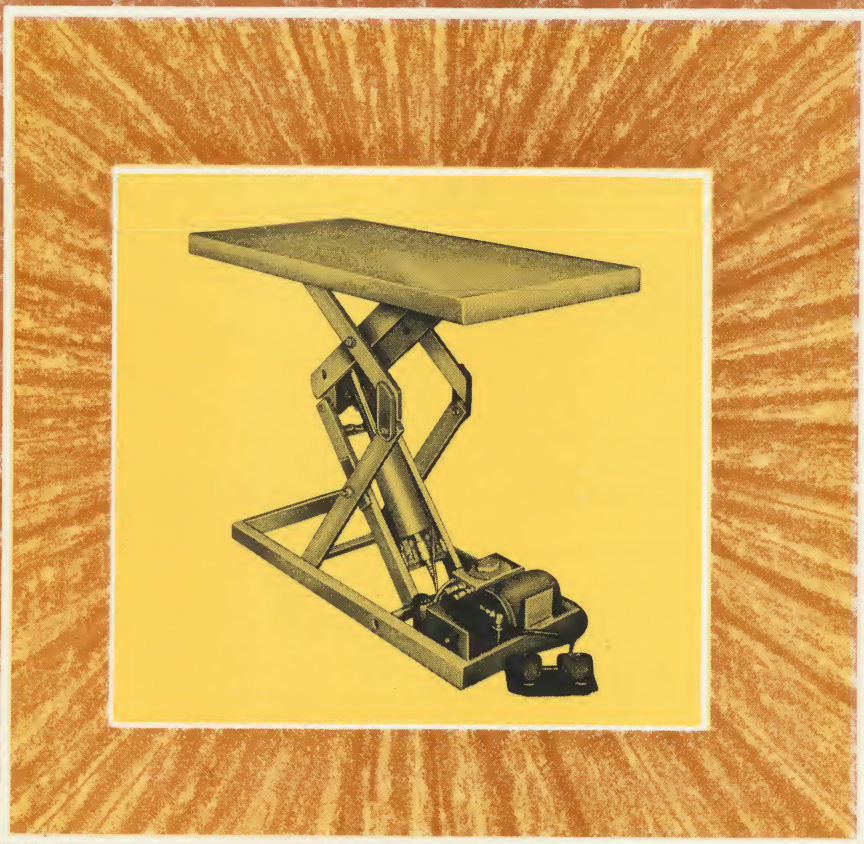


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American

CAPABILITY



American

MANUFACTURING COMPANY
INC.

2119 PACIFIC AVENUE, TACOMA, WASHINGTON, U. S. A. 98402

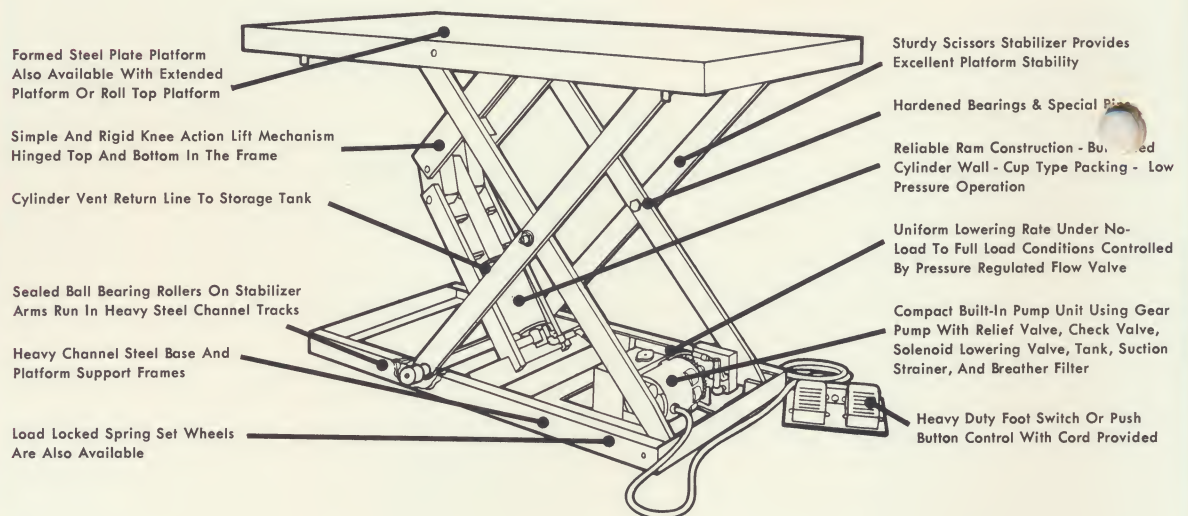
C A P A B I L I T Y

"CAPABILITY" is the prime factor built into each individual hydraulic lift produced by the American Manufacturing Company. This inherent quality of "CAPABILITY" is the direct result of twenty years experience in the design and manufacture of hydraulic lifts, now available in the many different models shown in this catalog.

Twenty years of national and international distribution have brought American's engineers face to face with handling problems from a wide range of industrial operations. The solution of these problems has enabled American to design and manufacture the most complete and diverse line of hydraulic scissor lifts now on the market. American Lifts are as versatile as the operations to which they can be applied—products ranging in size from small packaged items to heavy bulky materials can be efficiently and effectively handled by AMERICAN Lifts.

Adaptations of standard lifts have resulted in lifts for special purposes, such as paper and wire roll handling, truck loading and unloading, feeding of sheet steel and aluminum and die and casting handling, and many other specialized applications.

Low upkeep and maintenance costs are other important "CAPABILITY" features of these production proven AMERICAN Lifts.



STANDARD FEATURES

- All models operate in the up direction by starting the pumping unit, and stop against a check valve to maintain the lift at the desired level. Therefore, any type of electrical control can be used.
- All models are lowered by a solenoid operated down valve. The pumping unit does not operate when the lift is traveling in the down direction. Therefore, any type of electrical control can be used.
- Stabilization is provided for loading 50% off balance to either end, 25% off balance to either side, based on minimum size platforms. (see Cross Stabilizers under Optional Equipment.)
- Grease fittings are included at wear points. Points not readily accessible are fitted with sealed bearings.

AMERICAN'S M-1070 SCISSOR LIFTS

AMERICAN'S COMPACT LIFTS are ready to go to work for you. Just plug into any ordinary 115 volt circuit and stand back while a husky M-1070 lifts whatever you have to lift, better than it's ever been lifted before.

The COMPACT series was specifically designed for materials handling problems where lifts of compact size, high travel and capacity, are a requirement. If you are in the graphic arts, paper and converting, food processing and distribution, warehousing, metalworking, furniture or similar industry, a COMPACT will cut your handling costs and increase worker productivity.

American's CAPABILITY with hydraulic scissor lifts gives you the COMPACT Lift that sets the pace in the materials handling field. COMPACT in size and in PRICE, but BIG in Work-ABILITY.



Two phenolic roller bearing wheels and two wheeled jack handle can be furnished on all models.

SPECIFICATIONS Models appearing in bold face type are regular stock items.

Model	Capacity	Vertical Travel	Collapsed Height		Platform Size		Phenolic Roller Bearing Wheels	Up Travel Time 1/2 HP. Pump	Steel Deck
			Min.	w/wheels	Min.	Max.			
M-1070	2000#	36"	6"	6 1/2"	18" x 42"	24" x 48"	4" dia.	35 sec.	1/8"
M-1070-1A	1000#	31"	5"	5 1/2"	18" x 42"	24" x 48"	4" dia.	22 sec.	1/8"
M-1070-1C	1500#	48"	6"	6 1/2"	18" x 50"	30" x 72"	4" dia.	35 sec.	1/8"

Vertical travel plus collapsed height equals overall height.

NOTES:

- Down Travel Time is about 10 secs. ALL MOTORS ARE T.E.N.V.
- 1/2 HP pumps are either 1/60/110 or 3/60/220-440 V. 1 1/2 HP pumps are 3/60/220-440 V.
- Std. controls are foot pedal or push button up and down.
- Capacities are gross. Deduct for any extra platform equipment or rolls for net capacity.

AMERICAN'S M-1223 SCISSOR LIFTS



Applicable for any type of wheel mounting.

American's Model M-1223 Lifts are designed for heavy industrial applications—to handle heavy sheet material, lumber, structural steel, brick and tile, as well as bulky, heavy or awkward pieces. Loads can be positioned at any level on the up and down travel, with the work load accessible from all sides and levels. Lift platforms are furnished with checkered or plain steel plate, gravity rolls, powered rolls, or powered chains. The dependable built-in electric hydraulic system is adaptable to any type of control—automatic, semi-automatic or hand. Lifts can be equipped with wheels for floor or track movement, recessed into the floor for permanent installations, or set on the floor surface to be moved by lift or fork truck, where necessary.

Many variations in the basic models listed below are possible. Modifications in platform size, travels and capacities make this series adaptable to a wide range of particular and special applications.

SPECIFICATIONS Models appearing in bold face type are regular stock items.

Model	Capacity	†Vertical Travel	Minimum Platform Size	*Collapsed Height	Up Travel Time — in seconds — with			
					¾ HP.	1½ HP.	3 HP.	5 HP.
M-1223-4A	8000#	36"	36" x 96"	10"	70	35		
M-1223-4B	12000#	36"	36" x 96"	10"	105	52		
M-1223-4C	8000#	48"	36" x 120"	10"	105	52	40	26
M-1223-4D	12000#	48"	42" x 120"	10"		70	52	33
M-1223-4E	12000#	60"	42" x 132"	10"		105	60	42
M-1223-4F	6000#	60"	42" x 132"	10"		52	26	15
M-1223-4G	8000#	42"	36" x 104"	10"		52	24	16
M-1223-4H	9000#	60"	42" x 132"	10"		70	32	22
M-1223-4K	12000#	42"	36" x 104"	10"		70	32	22
M-1223-4L	5400#	66"	42" x 132"	10"		52	24	16
M-1223-4M	10000#	66"	42" x 132"	10"		105	48	33
M-1223-5A	16000#	36"	48" x 108"	12"		105	48	33
M-1223-5B	24000#	36"	48" x 108"	12"		105	48	33
M-1223-5C	16000#	48"	48" x 120"	12"		105	48	33
M-1223-5G	20000#	42"	48" x 144"	12"		105	48	33

†Vertical travel plus collapsed height equals overall height.

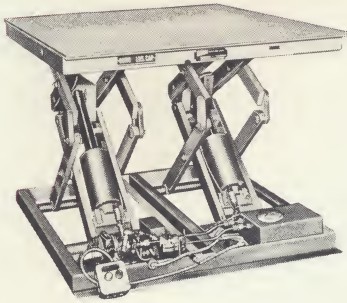
*12" collapsed height with 5 HP. motor.

NOTES:

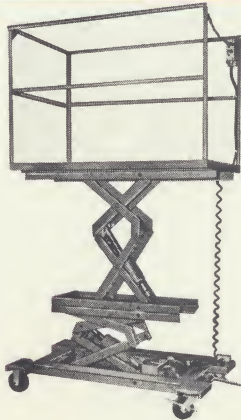
Down travel time is 10 seconds. ¾ HP. pumps are either 1/60/110 or 3/60/220/440 V. 1½, 3 and 5 HP. pumps are 3/60/220/440 V. Standard controls are foot pedal or pushbutton up and down. TENV or TEFC motors can be furnished.

SPECIAL PURPOSE SCISSOR LIFTS

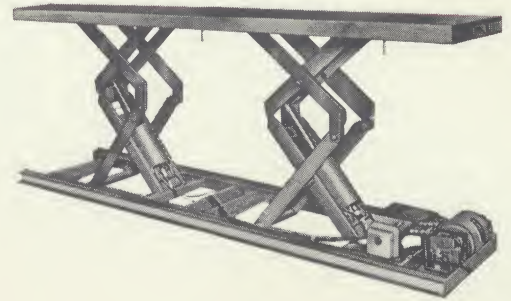
AMERICAN'S SPECIAL PURPOSE LIFTS were developed from standard models to fulfill lifting and lowering operations required by specific products and industries.



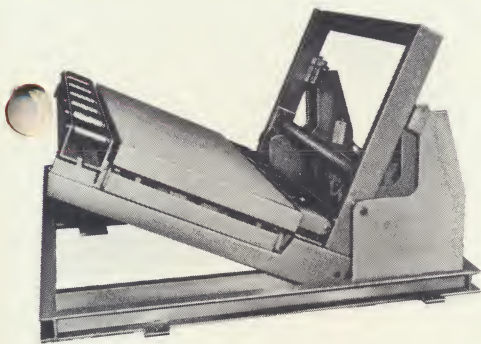
M-1336 Tandem WIDTH Lift for bulky, heavy loads.



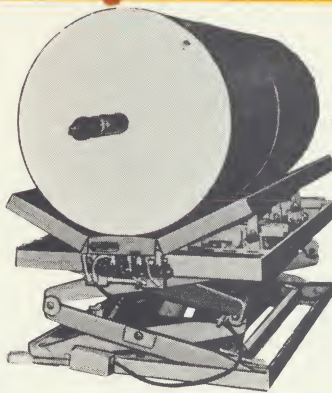
M-1382 Tandem Lift "Piggy-Back" for extra high travel, ideal for accumulating light, high loads or as work-maintenance platforms.



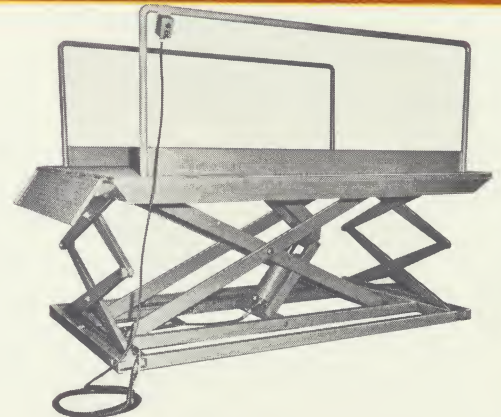
M-1247 Tandem LENGTH Lift for long, heavy loads.



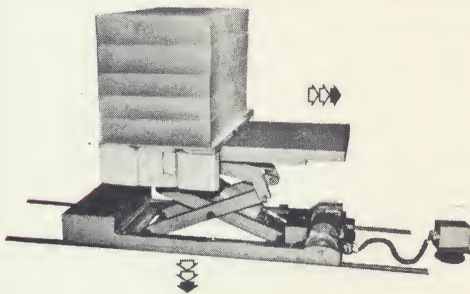
M-1375 Tilt Lift, to assist in feeding operations of lumber loads and panels, such as plywood and hard-board.



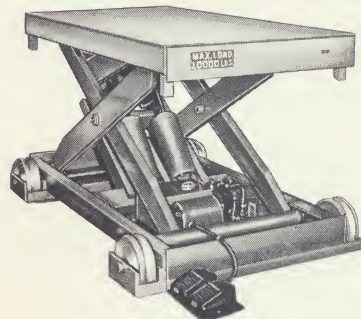
M-1255 Roll and Coil Handling Lift, manual or power operated chucks available.



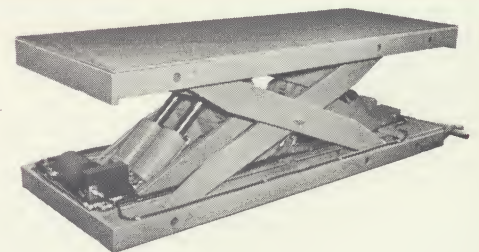
M-1540-E Truck Loading and Unloading Lift, in both stationary and portable models.



M-1293 Travelift, motor propelled to move loads to and from working locations.



M-1234 Extra Heavy Duty Lift, small platform, for handling castings, dies or steel coils.



M-1308 Extra Heavy Duty Lift, large platform, for handling structural or sheet steel.

See bulletin AMC-2120 for complete listing of special purpose lifts.



OPTIONAL EQUIPMENT

CONTROLS:

1. Electric Eye Control (automatic up or down) with mounting stands.
2. Automatic indexing switch and backstops for sheet material.
3. Cam bar and limit switch for increment movement up or down.
4. Other special controls available.

PUMP UNITS:

1. Air Motor with air operated valve for hazardous locations. (No electrical current required.) Up speeds are comparable.
2. DC or battery operated pump units available on most models.
3. Hand or foot operated pumps where speed is not important.
4. Continuous pumping units for more than 5 starts per minute.

PLATFORMS:

1. All types of gravity rolls can be mounted.
2. Gravity roll sections with one end hinged and the other end tilted by the last 3" of travel of the lift are available. (Used to remove accumulated loads onto floor mounted rolls.)
3. Stationary backstops, floor mounted, can be furnished.
4. Powered chains are available on M-1223 Series.
5. Powered roll sections (either 3" or 4" diameter rolls) chain driven with drive mounted are available for M-1202 — M-1223 Series.
6. Turntables available for most models, plain or roll deck.

NOTE: Weights of special platforms must be added to load weights to compute lift capacity required.

WHEELS:

1. Standard castoring and non-castoring wheels are available.
2. V-groove, flanged, rubber tired wheels also can be furnished on most models.

SAFETY FEATURES

1. Flow control provides the same down speed whether the lift has full load or no load.
2. In case of power failure, the lift locks in position and cannot be moved up or down until power is restored.
3. Three phase pumping units have magnetic control.
4. Built-in pressure relief valve is supplied to prevent damage to the lift from overload.
5. Spring loaded toe guards are available for lifts built into the floor. These guards raise by the up travel action of the lift.



MANUFACTURING COMPANY INC.

PAPER AND WOOD PRODUCTS MACHINERY DESIGNED AND MANUFACTURED

2119 PACIFIC AVENUE

TACOMA WASHINGTON, U.S.A. 98402

RUSHMORE & WEBER INC.
LATHAM, N. Y.
PHONE STATE 5-8548

Bulletin AMC-2100

Refer to bulletin AMC-2140 for complete listing of optional equipment.

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